

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
 Data File : FC069001.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 16:05
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 27 01:40:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:38:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.706	1315471	10.342 ug/ml
Spiked Amount 50.000		Recovery =	20.68%
12) S 1-chlorooctadecane (S...	13.139	952000	10.250 ug/ml
Spiked Amount 50.000		Recovery =	20.50%
Target Compounds			
1) T n-Nonane (C9)	3.441	1134499	10.353 ug/ml
2) T n-Decane (C10)	4.515	1131353	10.352 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1236532	10.337 ug/ml
4) T n-Dodecane (C12)	6.540	1124129	10.336 ug/ml
5) T A~2-methylnaphthalene...	7.170	1212200	10.306 ug/ml
6) T n-Tetradecane (C14)	8.337	1092781	10.279 ug/ml
7) T n-Hexadecane (C16)	9.939	1082063	10.271 ug/ml
8) T n-Octadecane (C18)	11.382	1067301	10.275 ug/ml
10) T n-Eicosane (C20)	12.693	1038541	10.281 ug/ml
11) T n-Heneicosane (C21)	13.305	1028304	10.317 ug/ml
13) T n-Docosane (C22)	13.892	1015479	10.290 ug/ml
14) T n-Tetracosane (C24)	14.996	1005198	10.318 ug/ml
15) T n-Hexacosane (C26)	16.018	990705	10.324 ug/ml
16) T n-Octacosane (C28)	16.969	990627	10.385 ug/ml
17) T n-Tricontane (C30)	17.857	1031496	10.484 ug/ml
18) T n-Dotriacontane (C32)	18.691	1059358	10.584 ug/ml
19) T n-Tetratriacontane (C34)	19.475	1028905	10.538 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1012538	10.452 ug/ml
21) T n-Octatriacontane (C38)	20.989	969977	10.356 ug/ml
22) T n-Tetracontane (C40)	21.962	936476	10.294 ug/ml

(f)=RT Delta > 1/2 Window

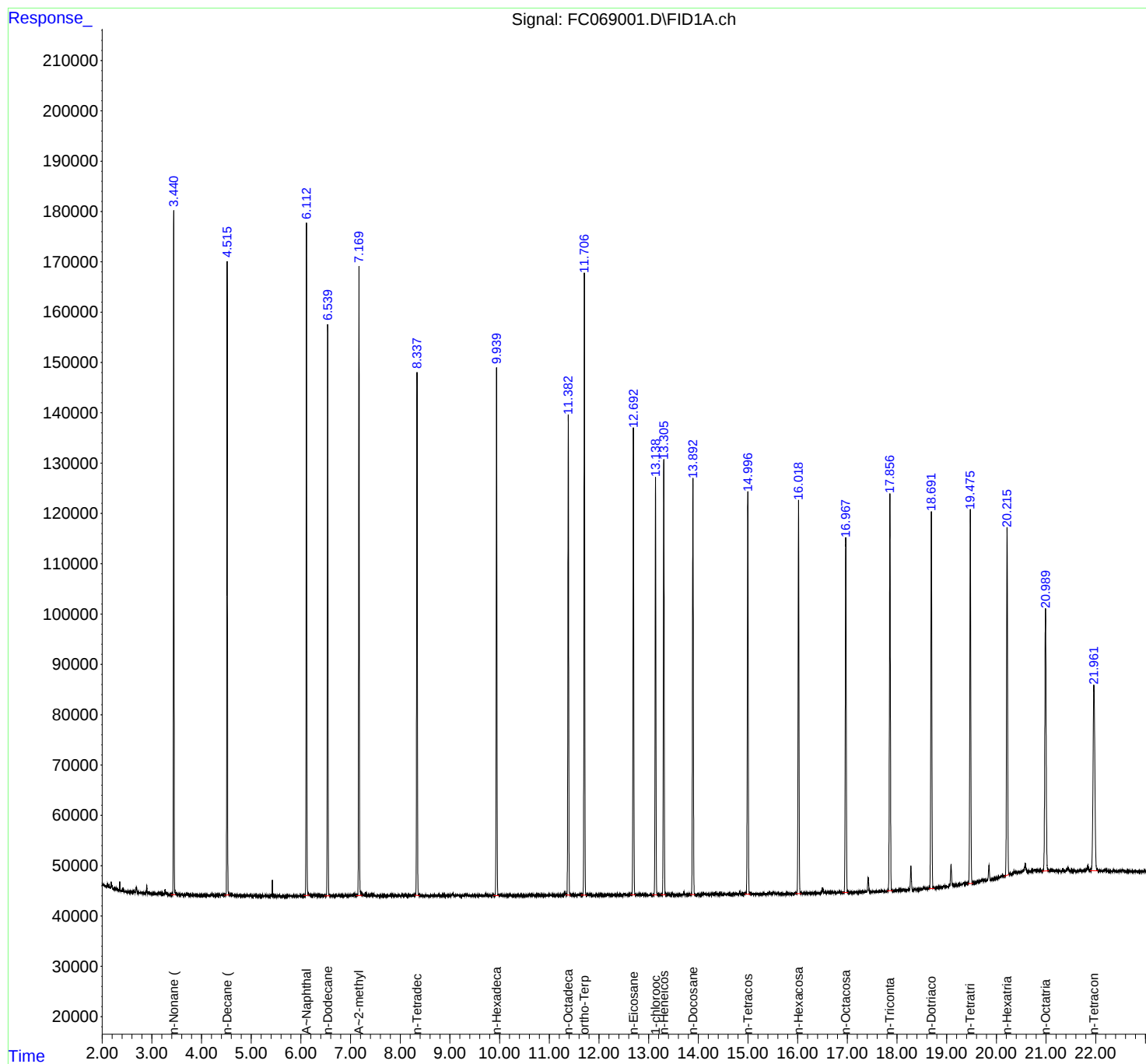
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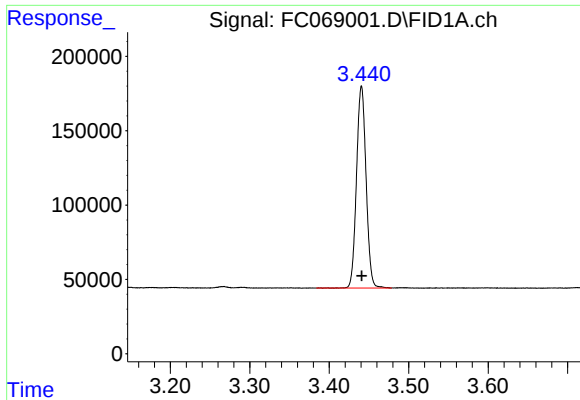
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
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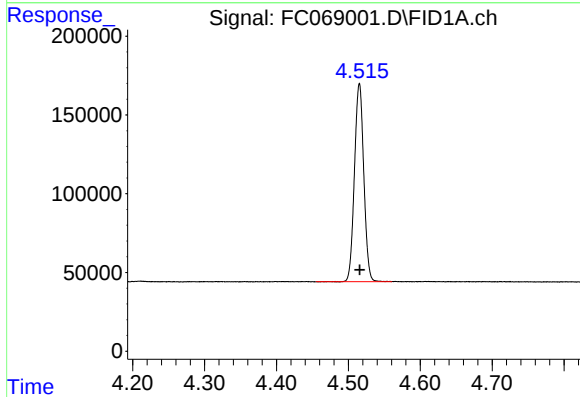




#1 n-Nonane (C9)

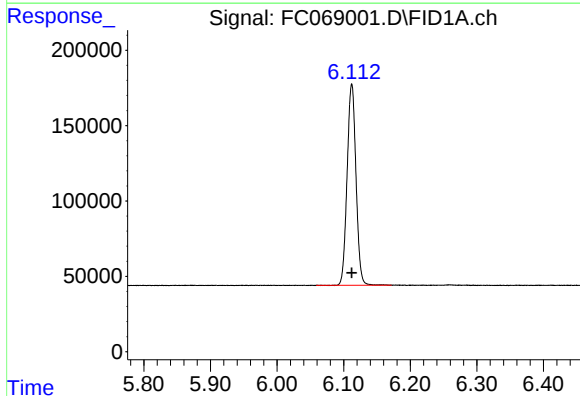
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 1134499
Conc: 10.35 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



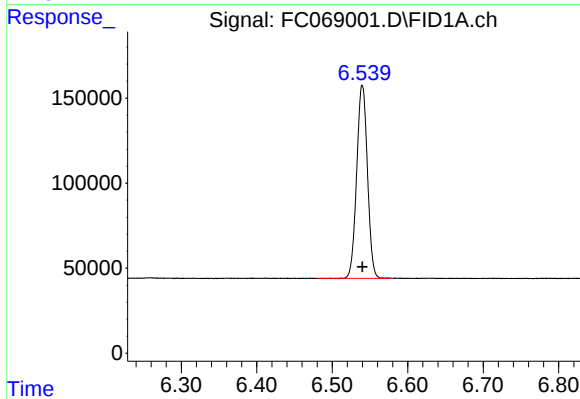
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 1131353
Conc: 10.35 ug/ml



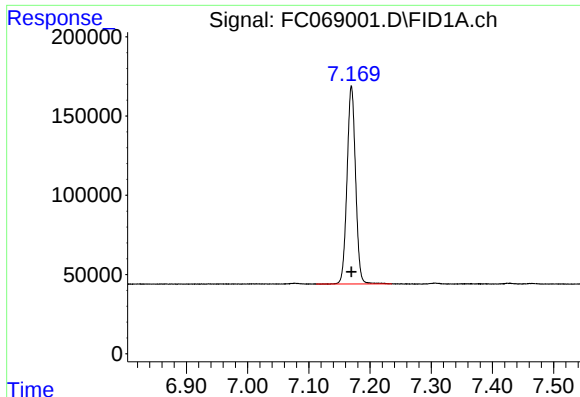
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 1236532
Conc: 10.34 ug/ml



#4 n-Dodecane (C12)

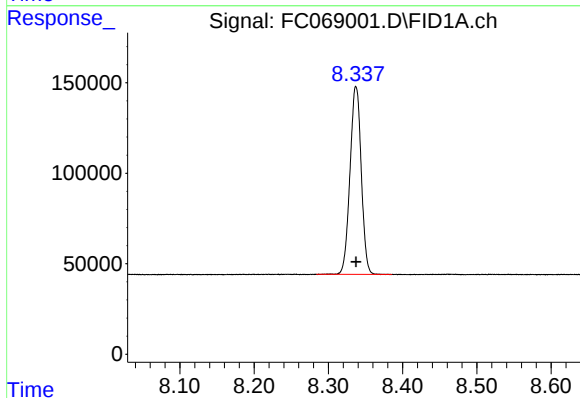
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 1124129
Conc: 10.34 ug/ml



#5 A~2-methylnaphthalene (C12.89)

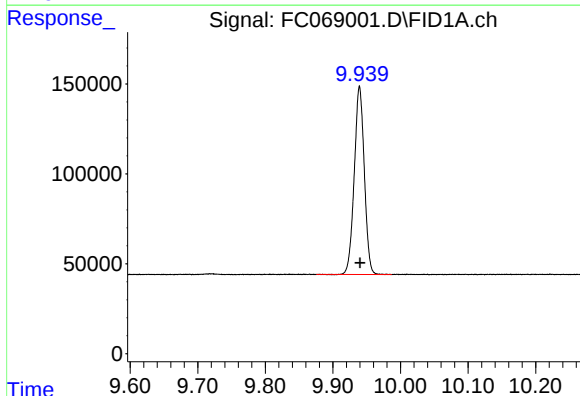
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 1212200
Conc: 10.31 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



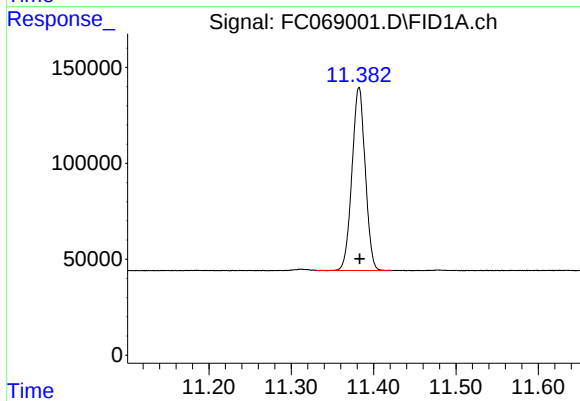
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 1092781
Conc: 10.28 ug/ml



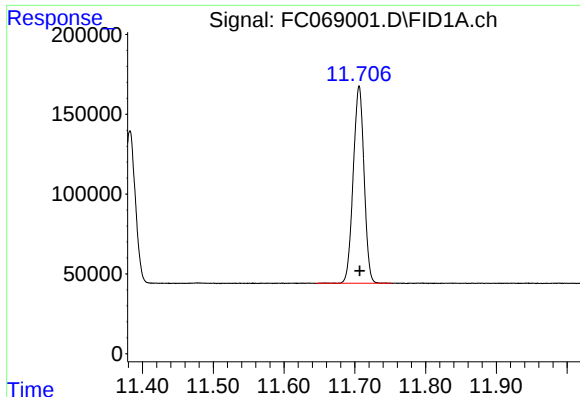
#7 n-Hexadecane (C16)

R.T.: 9.939 min
Delta R.T.: 0.000 min
Response: 1082063
Conc: 10.27 ug/ml



#8 n-Octadecane (C18)

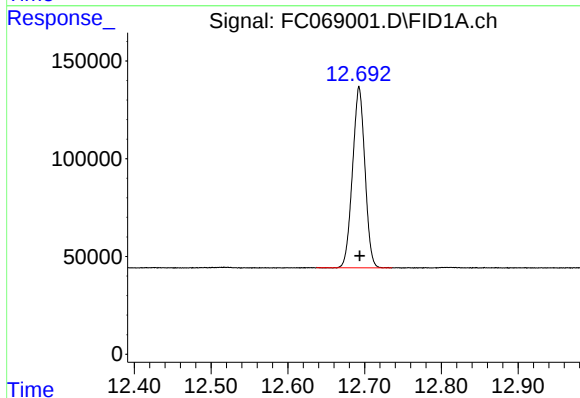
R.T.: 11.382 min
Delta R.T.: -0.001 min
Response: 1067301
Conc: 10.28 ug/ml



#9 ortho-Terphenyl (SURR)

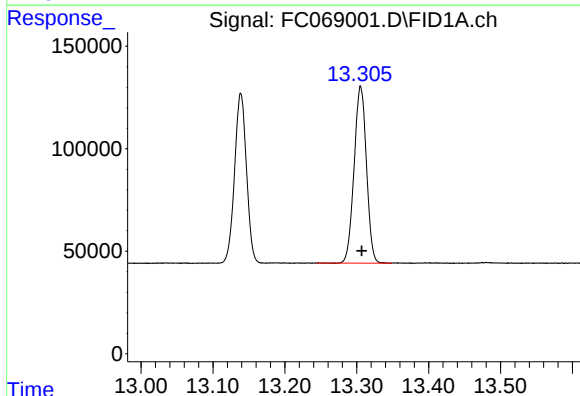
R.T.: 11.706 min
Delta R.T.: 0.000 min
Response: 1315471
Conc: 10.34 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



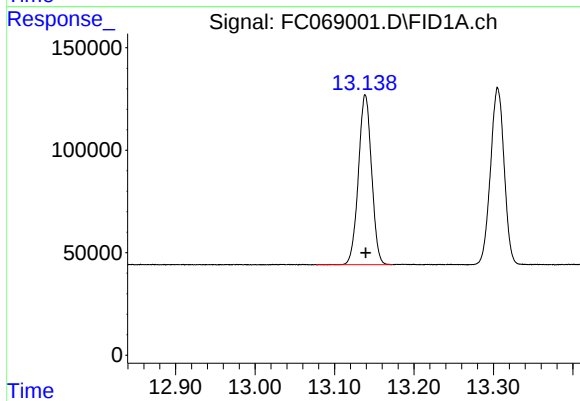
#10 n-Eicosane (C20)

R.T.: 12.693 min
Delta R.T.: 0.000 min
Response: 1038541
Conc: 10.28 ug/ml



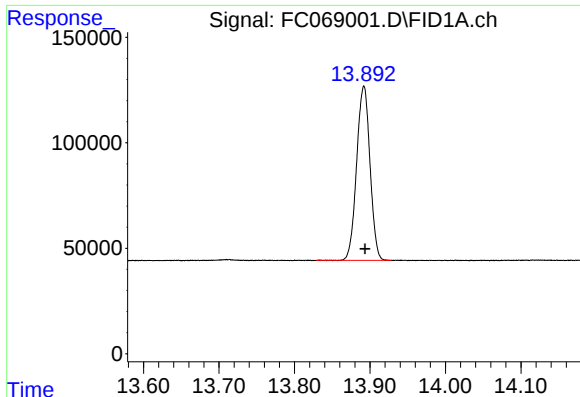
#11 n-Heneicosane (C21)

R.T.: 13.305 min
Delta R.T.: -0.002 min
Response: 1028304
Conc: 10.32 ug/ml



#12 1-chlorooctadecane (SURR)

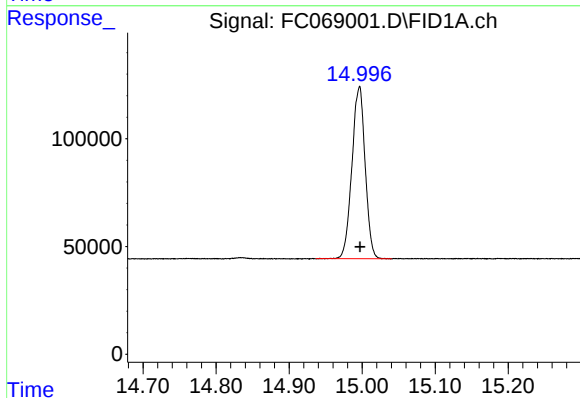
R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 952000
Conc: 10.25 ug/ml



#13 n-Docosane (C22)

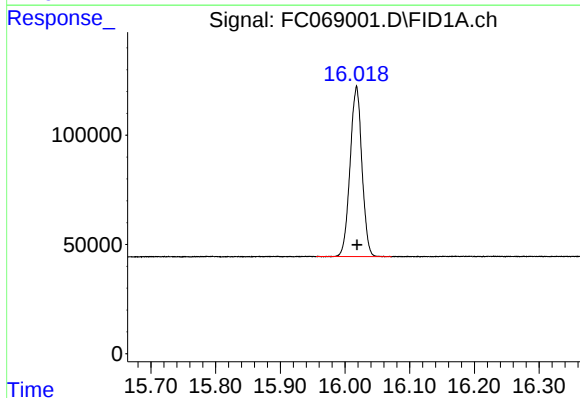
R.T.: 13.892 min
Delta R.T.: -0.002 min
Response: 1015479
Conc: 10.29 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



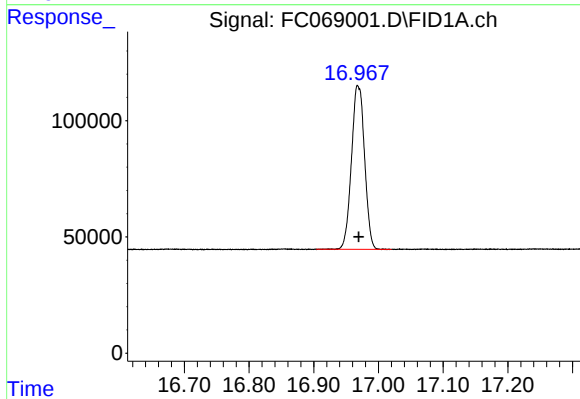
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.001 min
Response: 1005198
Conc: 10.32 ug/ml



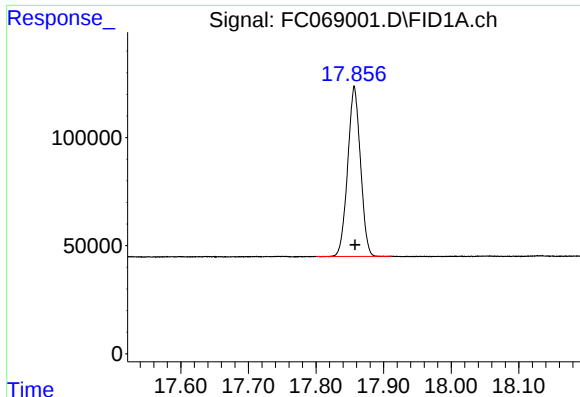
#15 n-Hexacosane (C26)

R.T.: 16.018 min
Delta R.T.: 0.000 min
Response: 990705
Conc: 10.32 ug/ml



#16 n-Octacosane (C28)

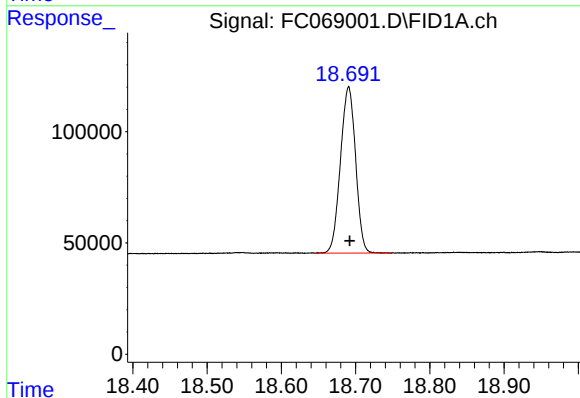
R.T.: 16.969 min
Delta R.T.: 0.000 min
Response: 990627
Conc: 10.38 ug/ml



#17 n-Tricontane (C30)

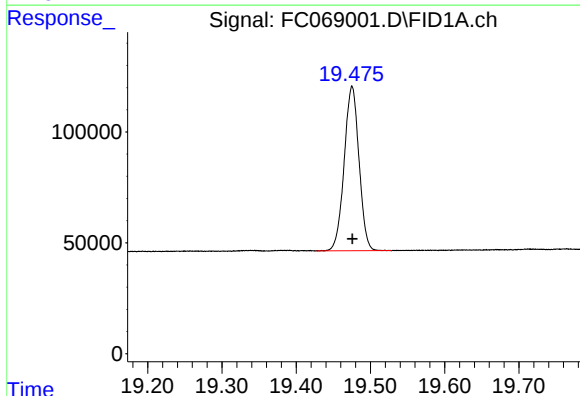
R.T.: 17.857 min
Delta R.T.: -0.001 min
Response: 1031496
Conc: 10.48 ug/ml

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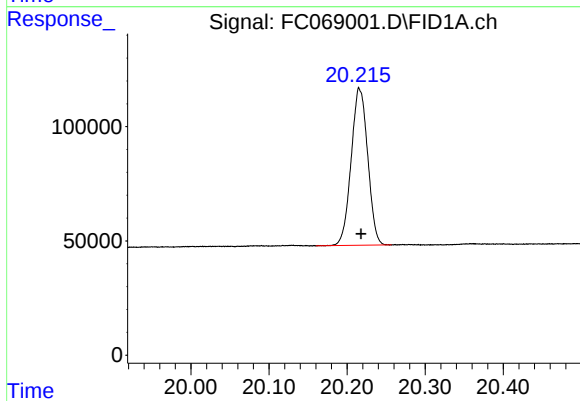
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.002 min
Response: 1059358
Conc: 10.58 ug/ml



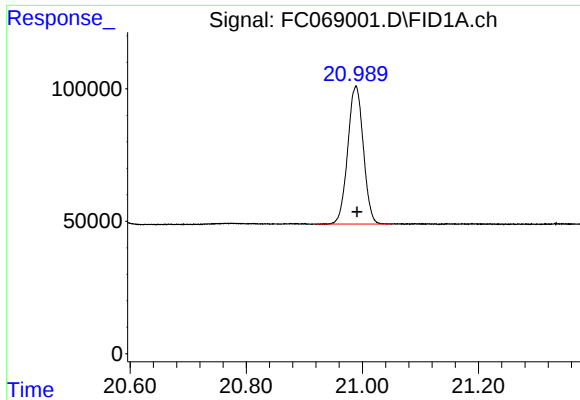
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: 0.000 min
Response: 1028905
Conc: 10.54 ug/ml



#20 n-Hexatriacontane (C36)

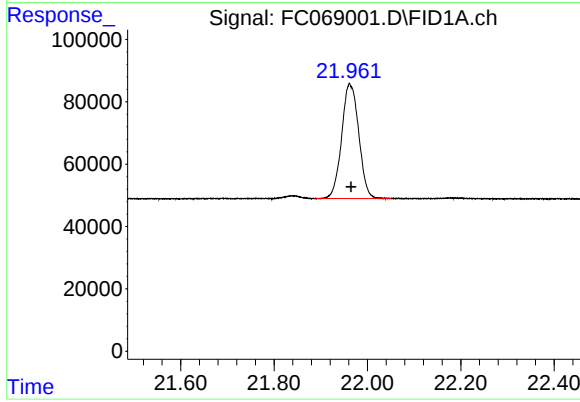
R.T.: 20.216 min
Delta R.T.: -0.002 min
Response: 1012538
Conc: 10.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.989 min
Delta R.T.: -0.002 min
Response: 969977
Conc: 10.36 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.003 min
Response: 936476
Conc: 10.29 ug/ml